UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/053,703	01/24/2002	Joel Maurin	T2147-907679	7844

181   7590   10/06/2005

MILES & STOCKBRIDGE PC
1751 PINNACLE DRIVE
SUITE 500
MCLEAN, VA 22102-3833

EXAMINER
OKORONKWO, CHINWENDU C

ART UNIT	PAPER NUMBER
2136	

DATE MAILED: 10/06/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	10/053,703	MAURIN ET AL.
	Examiner	**Art Unit**	
	Chinwendu C. Okoronkwo	2136	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _24 January 2002_.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-8_ is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-8_ is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on _24 January 2002_ is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☒ All   b)☐ Some * c)☐ None of:

      1.☒ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _20050926_.

4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____ .

DETAILED ACTION

1. Pursuant to USC 131, <u>claims 1-8</u> are presented for examination.

2. <u>Claims 1-8</u> are pending.

Claim Objections

3.   <u>Claim 2</u> is objected to because of the following informalities: within the claim, the words "either of claims 1 and 2" are used. The examiner suggests changing the word "and" to the word "or," so as to be grammatically correct. Appropriate correction is required.

<u>Claim 5</u> is objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claim cannot be referenced in the preamble of a claim which has a multiple claim dependency. See MPEP § 608.01(n). Accordingly, the claim has not been further treated on the merits.

<u>Claims 1 and 6</u> are objected to because of the following informalities: within the claims it is unclear whether or not the references to "security module" and "security machine" are being used interchangeably. The examiner suggests selecting one phrase and using the selected phrase consistently. Appropriate correction is required.

Claim Rejections - 35 USC § 102

4.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form

the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1, 2, 3, 4, 5, 6, 7, 8 are rejected under 35 U.S.C. 102(e) as being disclosed by Devine et

al. (U.S. Patent Publication No. 20050210296 A1).

Regarding claim 1, Devine et al., discloses a method for communicating to a server

machine (2b) a certificate of a user (4) sent by a client machine (2a) via a security module

(2c) of a computer system (1), the protocol used between the machine (2a) and (2b) being

HTTP or an equivalent protocol, a security protocol like SSL or an equivalent protocol

being implemented between the client machine (2a) and the security module(2c),

characterized in that it consists of inserting said certificate into a cookie header of a

request in HTTP or an equivalent protocol in order 1:o transmit them from the security

module (2c) to the server machine (2b) (0029, 0066. 0083, 0130 and 0131 of Devine et

al.).

Regarding <u>claim 2</u>, <u>Devine et al.</u>, discloses a method according to claim 1, characterized

in that it consists of removing from said certificate all of the separators used in the

headers of the HTTP messages prior to its insertion into a cookie header (0131 of <u>Devine</u>

<u>et al.</u>).

Regarding <u>claim 3</u>, <u>Devine et al.</u>, discloses a method according to either of claims 1 and

2, characterized in that it consists of searching, prior to the insertion of said certificate

into a header, to see if a cookie header is present in -the HTTP request sent by the client

machine (2a) and if not, of creating one (0124 of De<u>vine et al.</u>).

Regarding <u>claim 4</u>, <u>Devine et al.</u>, discloses a method according to claim 3, characterized

in that it consists of adding a specific cookie into the existing or created cookie header, a

configurable default name being assigned to said specific cookie enabling the server

machine (2b) to distinguish the certificate from the cookies of the HTTP or equivalent

request (0118 of <u>Devine et al.</u>).

[The examiner's reasoning: Due to the nature of a cookie, it is inherent to make use of

the cookie header when using a cookie, appending to it some identifying/distinguishing

an element or creating and assigning values to the particular variables within the header.]

Regarding <u>claim 5</u>, <u>Devine et al.</u>, discloses a method that consists of transmitting to the server machine (2b) the HTTP or equivalent request sent by the client machine (2a) into which the certificate has been inserted (0130 and 0131 of <u>Devine et al.</u>).

Regarding <u>claim 6</u>, <u>Devine et al.</u>, discloses a security machine (2c) for securing the exchanges between a client machine (2a) and a server machine (2b) of a computer system (1), the protocol used between the machine (2a) and (2b) being HTTP or an equivalent protocol. a security protocol like SSL or an equivalent protocol being implemented between the client machine (2a) and said security machine (2c), characterized in that it comprises analyzing means (6) that make it possible to transmit a certificate into a cookie header of an HTTP or equivalent request (0130 and 0131 of <u>Devine et al.</u>).

Regarding <u>claim 7</u>, <u>Devine et al.</u>, discloses a system comprising a client machine (2a), a server machine (2b) and a security module (2c), the protocol used between the machine (2a) and (2b) being HTTP or an equivalent protocol, a security protocol like SSL or an equivalent protocol being implemented between the client machine (2a) and the security module (2c), characterized in that the security module (2c) comprises analyzing means (6) that make it possible to transmit a certificate sent by the client machine (2a) into a cookie header of an HTTP or equivalent request (0029, 0066, 0083, 0130 and 0131 of <u>Devine et al.</u>).

Regarding <u>claim 8</u>, <u>Devine et al.</u>, discloses a program integrated into a security module

(2c) that allows the method according to any of claims 1 through 5 to be executed when

the program is run in a machine (0149 of <u>Devine et al.</u>).
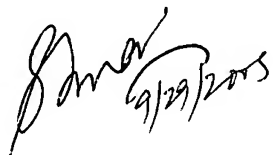
Conclusion

5.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Chinwendu C. Okoronkwo whose telephone number is (571) 272

2662. The examiner can normally be reached on MWF 7:15 - 4:30 and TuTh 8:00 - 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Ayaz R. Sheikh can be reached on (571) 272 3795. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

CCO